

20030402.qrp v02_n878.qrl.20030402

Date: Wed, 2 Apr 2003 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2878

QRP-L Digest 2878

Topics covered in this issue include:

- 1) [148440] Soldering Stations
by Brian Short <bshort4@cox.net>
- 2) [148441] Let's go multi-mode with SWL's DSW rigs and DSWMULTI app...
by "Bill, N4QA" <n4qa@hotmail.com>
- 3) [148442] Re: Another Rockmite 20 lives and breaths!
by Nelson Winter <thenels@go.com>
- 4) [148443] Re: 12 V 50A panel mount ammeter (Long)
by "cal.jsi" <cal.jsi@verizon.net>
- 5) [148444] Ed Juge
by "Mike Yetsko" <myetsko@insydesw.com>
- 6) [148445] BL Tuner
by tstabler <tstabler@iun.edu>
- 7) [148446] Re: DST ARS-SP & WY
by Larry Cahoon <lejek@erols.com>
- 8) [148447] for sale zm-2 timewave dsp 59+, ssb 2m and more
by "al dawkins" <alk0frp@attbi.com>
- 9) [148448] First Rock-Mite QSO
by "Gene - NN7CK" <nn7ck@mindspring.com>
- 10) [148449] Tnx for the response
by "Larry Sorrow" <ke4itn@corrcomm.net>
- 11) [148450] Re: 12 V 50A panel mount ammeter
by Tim Groat <tcgroat@earthlink.net>
- 12) [148451] Re: SCAFs
by Al Scanandoah <k2zn@rochester.rr.com>
- 13) [148452] Great Parts at Arkicon
by "Jerry Hall, =?ISO-8859-1?Q?W=D8PWE"?= <lugehall@hotmail.com>
- 14) [148453] NJQRP Sniffer Order Status
by David Porter <aa3ur@comcast.net>
- 15) [148454] Re: Question on Wideband Transformers/Use of 'filar windings
by "Chris Trask" <chrisrask@earthlink.net>
- 16) [148455] 50 Ammeter
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 17) [148456] tuning to 40m with the present balun
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 18) [148457] Is the MFJ balun correctly jumpered into the circuit?
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 19) [148458] To the again we go...

- by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 20) [148459] RE: Is the MFJ balun correctly jumpered into the circuit?
by Mark Schoonover <schoon@amgt.com>
- 21) [148460] Re: [Elecraft] To the FIELD again we go...
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 22) [148461] Re: Strange propagation Was: CQ WW WPX SSB Results
by Alex <kr1st@amsat.org>
- 23) [148462] WTB: SWL DSW-40
by "Alan Fryer" <N3BJ@hotmail.com>
- 24) [148463] FSQRP Wednesday Warble
by "David Bixler" <qrp@netins.net>
- 25) [148464] Re: DSW II Improvements ?
by "Heimo J. Lyden" <fg5vij@golfinho.com>
- 26) [148465] Soldering Irons
by W2AGN <w2agn@w2agn.net>
- 27) [148466] QRP Radio in ELT/EPIRB or PRC-90 case
by Scotty Wright <zydeco9214@yahoo.com>
- 28) [148467] Rear Window Defrost as an antenna
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 29) [148468] Re: First Rock-Mite QSO
by "Karl F. Larsen" <k5di@zianet.com>
- 30) [148469] OT - Tesla book for a kid
by Michael Goins <mgoins@usa.net>
- 31) [148470] Re: SCAF's
by "Marshall Emm" <mgemm@mtechnologies.com>
- 32) [148471] Re: Rear Window Defrost as an antenna
by "George, W5YR" <w5yr@att.net>
- 33) [148472] FS: Ten Tec Scout-50Watts
by Marv Fagenson <k6hcj@juno.com>
- 34) [148473] Daily digest file #2741 needed
by Mike Czuhajewski <wa8mcq@comcast.net>
- 35) [148474] Re: DSW II Improvements ?
by "Dave Benson" <nn1g@earthlink.net>
- 36) [148475] Re: Rear Window Defrost as an antenna
by "Bob Tellefsen" <n6wg@earthlink.net>
- 37) [148476] Re: Rear Window Defrost as an antenna
by Bob Nielsen <nielsen@oz.net>
- 38) [148477] Re: Rear Window Defrost as an antenna
by Ed Tanton <n4xy@earthlink.net>
- 39) [148478] Atlanticon Wrap-up [de N2APB]
by "George Heron N2APB" <n2apb@erols.com>
- 40) [148479] Other lists of possible interest to QRPers
by Mike Czuhajewski <wa8mcq@comcast.net>
- 41) [148480] Rock Mite Audio Filter boards.
by Steven Weber <kd1jv@moose.ncia.net>
- 42) [148481] Help Wanted--Summer FOX Hunt
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 43) [148482] SCAF circuit

- by Steven Weber <kd1jv@moose.ncia.net>
- 44) [148483] OHR SCAF Filter
by "Kevin F. Glynn" <kfglynn@mindspring.com>
- 45) [148484] Re: Rear Window Defrost as an antenna
by "M. J. Powell" <mike@pickmere.demon.co.uk>
- 46) [148485] SHOCK & AWE (was: BBQ Rules)
by na5n@zianet.com
- 47) [148486] Milliwatt still available on CD
by Mike Czuhajewski <wa8mcq@comcast.net>
- 48) [148487] Re: for sale zm-2 timewave dsp 59+, ssb 2m and more
by "al dawkins" <alk0frp@attbi.com>
- 49) [148488] Re: SHOCK & AWE (was: BBQ Rules)
by <n2go@arrl.net>
- 50) [148489] Fwd: Grab Your Binoculars
by Ed Tanton <n4xy@earthlink.net>
- 51) [148490] Load-Center Surge Suppressors
by "Charles W3KC" <w3kc@starpower.net>
- 52) [148491] Re: SHOCK & AWE (was: BBQ Rules)
by W2AGN <w2agn@w2agn.net>
- 53) [148492] RE: Other lists of possible interest to QRPers
by "Boulineau, Lee" <lee.boulineau@attws.com>
- 54) [148493] Re: SHOCK & AWE (was: BBQ Rules)
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 55) [148494] Re: SHOCK & AWE (was: BBQ Rules)
by Rod N0RC <rod@n0rc.us>
- 56) [148495] Re: SHOCK & AWE (was: BBQ Rules)
by "Russ Hines" <wb8zcc@one.net>
- 57) [148496] Re: Soldering Irons
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 58) [148497] Re: Soldering Irons
by "Mike Yetsko" <myetsko@insydesw.com>

Date: Tue, 1 Apr 2003 15:51:42 -0500
From: Brian Short <bshort4@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148440] Soldering Stations
Message-ID: <BE39368A-6483-11D7-83B6-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v551)
Content-Transfer-Encoding: 7bit

I have almost always used a Weller WTCPT soldering station which is temperature regulated (thermostat) and grounded tip. It does not have a variable temperature control.

I first used one on a job I had in High School assembling computers (back in '77) and had to have one at home. At that time Heath sold that model and I bought one. I still have it, but I did buy a new, second one a couple years ago.

It is the only one I can remember using.

I have 3 tips of different sizes for it which can be used for everything from PL-259 connectors or other large connections to tiny circuit board traces.

I think it sells for about \$100, but it has been worth it for me.

YMMV

--

See my web page: <http://www.k7on.com>

Date: Tue, 01 Apr 2003 16:59:23 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [148441] Let's go multi-mode with SWL's DSW rigs and DSWMULTI app...
Message-ID: <BAY1-F81lDf8uBXpjpj0005c372@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Dave's(K1SWL) original DSW-X0 and his new DSW-II-X0 series xcvr's should make dandy little multi-mode rigs when coupled with a Windows application whose development has just begun.

The new app's name, 'DSWMULTI', came to me at work today while I was preparing to hi-pot a towering set of LCI bridges which will serve as the business end of a static starter for a gas turbine...but I digress.

Initially, DSWMULTI will add FSK modes, such as RTTY, ASCII and possibly others to the DSWs' repertoire.

Transmitter modulation will likely originate in extant soundcard apps whose audio out will be followed by an AFSK demodulator/level-shifting device for conversion to a form suitable for driving the AD9835 DDS' Freq0/Freq1 input pin.

The program & hardware interface must facilitate the loading, at appropriate

times, of three frequencies to the DDS...Mark, Space, and Rcvr LO injection. This will mean double-duty for one of the DDS' frequency register sets. Receiving the added modes will be straightforward, routing the usual rcvr audio out to soundcard input. Transmitter/Receiver tuning & T/R changeover may occur in a manner which is somewhat different from that to which we've become accustomed.

Upon completion of the FSK program/interface segment of the project, I plan to look into the feasibility of adding PSK mode(s). ADI's literature indicates that the AD9835 DDS is suitable for the task of PSK modulation via its four phase registers.

Whether this turns out to be PSK31 or something else, entirely, remains to be understood by yours truly. For PSK, additional rig mods would be required in order to get at the DSWs' DDS' phase register control pins since, in the stock DSW configuration, these two pins are held at ground.

As time permits, I'll document the progress of DSWMULTI at my website.

One thing is clear... my conversion socket for the PIC will be ready by the time my DSW-II-80 kit has arrived... :)

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

MSN 8 with e-mail virus protection service: 2 months FREE*
<http://join.msn.com/?page=features/virus>

Date: Mon, 31 Mar 2003 10:28:13 -0800 (PST)
From: Nelson Winter <thenels@go.com>
To: Gary Slagel <gds slagel@yahoo.com>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148442] Re: Another Rockmite 20 lives and breaths!
Message-ID: <5921728.1049135293490.JavaMail.thenels@gomailjtp02>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi Gary,

You can change R18... a little, not lower than 6.8 ohms. Anything lower and Q6,

the PA transistor may fry itself from drawing too much current. You can use a heatsink to offset the higher power dissipation or use a different transistor entirely.

Here's a link that show how I got more power out of my Rock-Mite:

<http://www.qsl.net/wb6dwd/800mw.htm>

Experimentation has shown that the Rock-Mite is very sensitive to SWR. The surest way to keep Q6 cool is to make sure the radio is "seeing" 50 ohms by either using a tuner or just using a resonant antenna like a 1/4 wave dipole. With this in mind you can push the output a little higher without causing a Q6 meltdown.

Also, here's link to the "Rock-Pile" that, well, it'll explain itself when you get there.

<http://www.radioactivehams.com/~n0rc/rm/>

Each Wednesday night there is a "Rock-Hunt". See the Rock-Pile page for details.

-----Original Message-----

From: "Gary Slagel" <gdslagel@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Date: Mon Mar 31 08:19:02 PST 2003

Subject: Another Rockmite 20 lives and breaths!

>The April QST Rockmite story (and the snow dropped by
>the colorado blizzard of 2003) yesterday inspired me
>to stay inside and build the 20 meter Rockmite that
>had been on the shelf for a couple months.

>

>What an easy rig to build! Got the board all
>together, strung wires all over my bench hooking up to
>power and ant and switch and etc, powered it up and
>heard sigs! Didn't have a paddle jack but was able to
>hook to a straight key. What a rush when the 2nd CQ I
>sent brought back AB8LE in Ohio! Also... my first
>straight key qso in I don't know how long. I'm gonna
>box it up with a little 1/2 wave wire tuner, some
>batteries, the old tipper tapper push button paddle
>I've always had trouble using, a built in speaker that
>I can hold up to my ear like a headphone, and have the
>most portable rig goin'!

>

>I got about 250mw out with a 12.6V power supply.
>Should I start foolin' with the resistor value to up
>the ouput power or should I up the voltage of my power

>supply?
>
>Is there still a group getting together in the
>evenings with their rockmites?
>
>73, Gary
>
>
>
>
>=====
>Gary Slagel/N0SXX
>Conifer, CO 80433
>gds slagel@yahoo.com
>Personal Website: <http://gds slagel.bravepages.com>
>
>
>-----
>Do you Yahoo!?
>Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!
><http://platinum.yahoo.com>

Less = More
<http://www.qsl.net/wb6dwd/>
RM-40/30/20

GO.com Mail
Get Your Free, Private E-mail at <http://mail.go.com>

Date: Tue, 1 Apr 2003 18:30:29 -0500
From: "cal.jsi" <cal.jsi@verizon.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [148443] Re: 12 V 50A panel mount ammeter (Long)
Message-ID: <000301c2f8a6\$af0b7b20\$fc53fea9@Sharon>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all again:

I read Alex, AI2Q's, post titled "Ammeter Madness" and then went back and reread what I'd written. My initial statement about using a milliammeter CALIBRATED for 50 Amperes full scale was misleading. What I meant was that you would use a milliammeter with a full scale reading of 50 Amperes. Of course you can make your own meter scale and replace what's on the meter IF

you're more dexterous than I. I suspect that one could do this with some of the computer graphics software, but I probably couldn't. Anyway, the point was that even if the scale on that hamfest meter reads 50 Amperes full scale, it's unlikely that you can pass such a current through the meter without vaporizing its interior workings.

I think the approach Alex suggests will indeed swamp out small variations in the resistance of the series combination of a couple of leads and the milliammeter. Thus it's probably the easier approach. In any event, what you're doing with either approach is measuring the voltage drop across the shunt or low resistance power resistor. But whatever you do, you need to keep the power dissipation in the shunt or resistor firmly in mind, as well as the maximum current that the resistor or shunt can handle.

And to measure the full scale voltage and internal resistance of your milliammeter, it is necessary to use a digital multimeter (DMM) or even (dare I say it) a Vacuum Tube Voltmeter (VTVM). Using a simple Volt-Ohmmeter (VOM) might very well destroy the meter on the spot, because it uses an internal battery and a series resistor to make a resistance measurement.

The handbooks will suggest how to characterize your milliammeter using a battery and a potentiometer. For instance, if you have a 1 Milliampere meter and a 1.5 Volt battery, you need a potentiometer of at least 1500 Ohms and preferably a good deal higher than that. And be careful that when you hook the test circuit up that you start with the maximum resistance in line. Otherwise you will burn out the milliammeter.

OK, that's it from me. Let's see - 5 Watts at 50 Amperes is 0.1 Volts, or 100 Millivolts. Now where's the Prozac...
Cal K4JSI

Date: Tue, 1 Apr 2003 18:45:55 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [148444] Ed Juge
Message-ID: <004901c2f8a8\$d7d5c360\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can anyone confirm Ed Juge (W5EJ)

I just saw a note in a computer forum that he became SK today.....

Damn.....

Mike Yetsko

Date: Tue, 1 Apr 2003 18:23:58 -0600
From: tstabler <tstabler@iun.edu>
To: qrp-1@Lehigh.EDU
Subject: [148445] BL Tuner
Message-ID: <3E87A188@webmail.iun.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: 7bit

My thanks to everyone who responded to my inquiry about a web site for the BL mTuner. Found the two people sent me and copied them to read later this evening. Sorry---had classes all day today.

73,
Tim
WB9NLZ

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest
Gary, IN 46408
Phone: 219-980-6718
FAX: 219-980-7125

Date: Tue, 01 Apr 2003 21:27:07 +0000
From: Larry Cahoon <lejek@erols.com>
To: hjohnc@core.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148446] Re: DST ARS-SP & WY
Message-ID: <5.1.0.14.0.20030401212621.02bd0df8@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:55 AM 4/1/2003 -0500, John Huffman wrote:
>Rod and the Gang -
>
>Daylight savings time already? I thought winter would never end.

It hasn't!!!!!! They are playing baseball around here in the snow.....

73 de Larry.....WD3P
<http://www.wd3p.net/>

Date: Tue, 1 Apr 2003 18:25:54 -0700
From: "al dawkins" <alk0frp@attbi.com>
To: <qrp-1@lehigh.edu>
Subject: [148447] for sale zm-2 timewave dsp 59+, ssb 2m and more
Message-ID: <003a01c2f8b6\$ce38f210\$0200a8c0@aloffice>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need Cash !!! Problems with unemployment checks

I built this ZM-2 in 1998 as shown on the CQC web site.
The kit was built NOT to Emtech front panel style. Coax and tuned feeder
are in the back. Only one flaw is the tune and operate switch is backwards.
Tune is operate and operate is tune. New in kit form \$60 or built \$90 sell
\$75 plus \$5 S/H.

See it on the CQC Website

<http://www.cqc.org/gallery/zm2tuner/index.htm>

Sell Timewave AEA DSP-59 +, latest version of firmware.
Works great
Purchased \$195 sell \$125 plus \$5 S/H

Sell a Icom IC-290H Multimode FM-SSB-CW 25 or 1 watts. Not sub-tones on FM
with mobile bracket mike and manual. Works great Selling for \$275 to \$300
on swap lists
Sell \$250 Plus \$10 S/H

<http://www.rigpix.com/icom/ic290h.htm>

Also have a AEA PK-232 with MBX daughterboard. Upgrade to DSP and new
daughterboard for \$142 and add a PSK 31 interface for \$69. With all manuals
cables and old software. Newer software is better. manual and original box
\$100 plus \$5 S/H

<http://www.timewave.com/amprods.html>

Also have an old AEA CP-1 originally used with a Commador 64 for RTTY and CW. My first CW keyboard. Used this for my first 99 wpm CW to CW CP-1 to CP-1 QSO. Now there are mods to add a RS 232 interface for use with modern computers using it for RTTY and CW. A new RTTY demod makes it a good RTTY demod and filter. Make me an offer ????

<http://www.angelfire.com/fl3/technicothica/cp1mods.html>

Al K0FRP

Date: Tue, 1 Apr 2003 20:44:46 -0500
From: "Gene - NN7CK" <nn7ck@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <nn7ck@arrl.net>
Subject: [148448] First Rock-Mite QSO
Message-ID: <002101c2f8b9\$70f46be0\$0902a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Although I built my 40 meter Rock-Mite a number of months ago I never put it on the air until tonight.

Tonight I had a nice QSO with Randy, K7TQ on his K2 at 5 W (599) and my 300 mw Rock-Mite (449).

On-Line mileage calculator says 6,844 miles per watt!

Thanks Dave for developing this little jewel and making it available to us..

Date: Tue, 1 Apr 2003 19:57:13 -0600
From: "Larry Sorrow" <ke4itn@corrcomm.net>

To: <qrp-1@lehigh.edu>
Subject: [148449] Tnx for the response
Message-ID: <002201c2f8bb\$2f7a1d20\$d52f1442@ke4itn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tnx for the tremendous response to my post. I found what I needed at Fair Radio Sales well at least a 30A meter which will work ok. I have a set of plans for the 12V generator if any one is interested I would be glad to scan and send you a copy if you contact me off list. I have a QST article for a 12V Pup from a verticle shaft lawn mower engine and I have another plan for a horizontal shaft small engine.

73 es Tnx Agn,

Thomas "Larry" Sorrow KE4ITN

PS Tnx Jim N3VXI for helping me figure out why I couldn't post.

Date: Tue, 01 Apr 2003 19:50:41 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [148450] Re: 12 V 50A panel mount ammeter
Message-ID: <5.1.1.6.2.20030401193501.00a15030@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For an inexpensive home-brew 50A 50mV shunt, you can use two 24" lengths of #10AWG solid copper wire in parallel. Keep the wires well ventilated--they need air circulation, as they WILL get warm at full current. Copper has a fairly high temperature coefficient (+0.39% per degree C), so you want to keep things as cool as possible (25C temperature rise means 10% error). Don't bunch the wire up in a tight coil, and calibrate the meter after it's had time to warm up. This definitely isn't "lab quality", but it will work if you don't need a precision part.

72,

--Tim (KR0U)

>"Merton Nellis" <mertnellis@msn.com>: [148407] Re:
>If you can find or make a 50MV shunt which is a .001 ohm resistor with 5W or
>more capability you could then use a 5MA meter that has less than ten ohms
>resistance in its movement, padd it to 10 ohms and connect it across the
>50Mv shunt and it should indicate full scale at 50 Amps so use a 10X scale
>multiplier....

Date: Tue, 01 Apr 2003 22:25:10 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148451] Re: SCAFs
Message-ID: <3E8A5816.60A51B6C@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who have provided responses to my query. I built up a 4th order BPF with the MF8 and inserted it between the output of the audio filter and input of the high-gain audio stage (IC2) in my HW8.

With approximately 2 uV applied to the rig, I don't notice any significant change in THD when I switch the SCAF in and out. Even with larger signals (20 uV), the difference wasn't all that great, but it was more noticeable. With the audio level to the filter input at about 50 mV, the 80 dB noise figure puts the undesired products in the 5 uV range.

Measurements were made with Analyzer2000; certainly not an HP audio analyzer, but good enough.

Even with the slight increase in distortion, the benefit of significantly improved selectivity is well worth the trade-off.

Next test is to see how the SCAF performs inside the AGC loop of my trusty old Omni A.

72 - Al, K2ZN

Date: Tue, 01 Apr 2003 22:03:39 -0600
From: "Jerry Hall, =?ISO-8859-1?Q?W=D8PWE"?= <lugehall@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [148452] Great Parts at Arkicon
Message-ID: <BAY1-F41qtQvAauNjVu00001410@hotmail.com>
Mime-Version: 1.0
Content-Type: text/html

<html><div style='background-color:'><DIV>
<DIV>

<DIV>

<P>Anyone who attended Arkiecon or the Iowa QRP Convention last year will remember Bill, K0CIY from El Dorado Kansas. He is the guy who had all the great bags of parts for \$1.00 each. He had things like: 2N3866s 5/\$1. 2N5179s 5/\$1, MRF901s 10/\$, MC1350s 10/\$1, mini-toggle switches 5/\$1, Ten-turn pots 2/\$1, molded chokes 10/\$1, mica capacitors 10/\$1, and much more. </P>

<P>I checked with Bill to see if he would be at Arkiecon again this year and he said he will be there. I don't know what all he will be bringing but I'm sure it will be good. I'm also sure I better stop at the bank on my way out of town. </P>

<P>All the usual disclaimers apply. I have no connection with Bill's business, I'm just a satisfied customer who is looking forward to browsing his tables of goodies again. </P>

<P>72</P>

<P>Jerry</P>

<P>W0PWE</P></DIV></DIV></DIV></div><br clear=all><hr>Protect your PC - Click here for McAfee.com VirusScan Online </html>

Date: Tue, 01 Apr 2003 23:17:10 -0500

From: David Porter <aa3ur@comcast.net>

To: NJQRP <njqrp@njqrp.org>,

Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [148453] NJQRP Sniffer Order Status

Message-ID: <NGBBICPOCLKMGIBGGBEAEEBEDGAA.aa3ur@comcast.net>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

Now that Atlanticon has come and gone, we can start getting back to business. We must kit up some more Sniffers. Probable shipping date for those we get kitted is around April 15 or so if all goes well.

I have updated the status page to alleviate the relatively common mistake of thinking that "-" meant that your order had shipped. It should be obvious now. I also deleted the Atlanticon registrations from the page, since those have all been delivered.

<http://www.njqrp.org/sniffer/snifferorders.htm>

Thanks for supporting NJQRP,

Dave, AA3UR

Date: Tue, 1 Apr 2003 22:49:27 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <ke4itn@corrcomm.net>, <qrp-1@Lehigh.EDU>
Subject: [148455] 50 Ammeter
Message-ID: <00cf01c2f8d3\$3d58e8a0\$4e100a0a@rohredt2000>

Larry,
All you need is any dc ammeter or milliammeter. Radio Shack had some.
Or ham swap surplus. Look in ARRL Handbook about resistance shunts, you
make a low value resistor to shunt most of the 50 amps around the meter, and
allow a little into the meter circuit path to show 50 amps say, on a 50 ma
scale. That is a factor of 1000 to 1, so you have to pass current thru
1/1000 the resistance of the meter movement full scale to show 50 amps full
scale. Those shunts as the low value current resistors are called are
usually made of a piece of copper wire, or nichrome to take the heat.
See ARRL Handbook, or an electronic course textbook like "Basic Electronics"
by Bernard Grob for examples of how to figure the size shunt resistor to
use. Grob is a common book in used book stores of the Half Price Books
chain.
GL and 72,
Stuart K5KVH

Date: Tue, 1 Apr 2003 22:59:19 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Upton, Shawn" <SUpton@ALLEGROMICRO.com>, <qrp-1@Lehigh.EDU>
Subject: [148456] tuning to 40m with the present balun
Message-ID: <00df01c2f8d4\$9e93d980\$4e100a0a@rohredt2000>

Shawn,
If the antenna is the correct length, all you have to do with present
tuner/balun, is to add some amount of 300 ohm feeder to shift the impedance
to a point the tuner can match.
Try adding some line, maybe as little as 10 feet and tune again.

A series of 5 and 10 foot sections can often get any problem band to come
within reach of the tuner/balun. Don't coil up the extra twin lead, but
just have it loosely arranged to spread its length out. It is ok if it
twists some to take up length.
72, Stuart K5KVH

Date: Tue, 1 Apr 2003 23:05:57 -0600
From: "Stuart Rohre" <rohr@arlut.utexas.edu>
To: "Upton, Shawn" <SUpton@ALLEGROMICRO.com>, <qrp-1@Lehigh.EDU>
Subject: [148457] Is the MFJ balun correctly jumpered into the circuit?
Message-ID: <00e701c2f8d5\$8becce30\$4e100a0a@rohredt2000>

I just remembered the most common fault in Field Day set ups with parallel lines, and tuners with built in baluns. Most of the MFJ Tee tuners have a dotted line on the back between two of the binding posts. This dotted line tells you ,you MUST have a jumper wire there for the balun to work correctly, and you hook up only to the posts marked BAL. or balun, etc. 2 years ago, I found someone had Disconnected the jumper from my Dentron tuner at Field Day and could not figure why he could not tune up!

72,
Stuart K5KVH

Date: Tue, 1 Apr 2003 21:06:56 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Elecraft Mailing List" <elecraft@mailman.qth.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148458] To the again we go...
Message-ID: <004001c2f8d5\$af99a600\$ab12f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Time for yet another QRP camping trip! This time we're beach camping up near Point Magu, CA. I'm taking the K1 and a bunch of wire to play with. Just bought a 256MB compact flash card for the camera, so I'll be snapping lots of pics. We're leaving Burbank Thursday afternoon, so look for me on 15,20,30 and 40 (probably not too much on 30) operating portable from the beach from Thursday night until Sunday morning. Will make an effort to be on the air for a few hours each day. I'm just getting over this nasty cold so the fresh air will do me good! Hope to hear some of you on the air!

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

Date: Tue, 1 Apr 2003 21:39:15 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'rohre@arlut.utexas.edu'" <rohre@arlut.utexas.edu>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148459] RE: Is the MFJ balun correctly jumpered into the circuit?
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F6A40@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

What I do is to strip the end of the ladderline, leaving one side about 1 inch longer than the other. Then, when the ladderline is inserted through the binding posts, the longer side can reach all the way over to the longwire post....

HTH .mark

>-----Original Message-----
>From: Stuart Rohre [mailto:rohre@arlut.utexas.edu]
>Sent: Tuesday, April 01, 2003 9:06 PM
>To: Low Power Amateur Radio Discussion
>Subject: Is the MFJ balun correctly jumpered into the circuit?
>
>
>I just remembered the most common fault in Field Day set ups
>with parallel
>lines, and tuners with built in baluns. Most of the MFJ Tee
>tuners have a
>dotted line on the back between two of the binding posts.
>This dotted line
>tells you ,you MUST have a jumper wire there for the balun to work
>correctly, and you hook up only to the posts marked BAL. or
>balun, etc. 2
>years ago, I found someone had Disconnected the jumper from my
>Dentron tuner
>at Field Day and could not figure why he could not tune up!
>72,
>Stuart K5KVH
>
>
>

Date: Tue, 1 Apr 2003 21:36:31 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Elecraft Mailing List" <elecraft@mailman.qth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148460] Re: [Elecraft] To the FIELD again we go...
Message-ID: <005601c2f8d9\$d1444860\$ab12f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That's to the FIELD again we go...jeez...can't wait to get over this cold ;-)

----- Original Message -----

From: Trevor Jacobs <kg6cyn@earthlink.net>
To: Elecraft Mailing List <elecraft@mailman.qth.net>; Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, April 01, 2003 9:06 PM
Subject: [Elecraft] To the again we go...

> Hi Gang,
>
> Time for yet another QRP camping trip! This time we're beach camping
up
> near Point Magu, CA. I'm taking the K1 and a bunch of wire to play
with.
> Just bought a 256MB compact flash card for the camera, so I'll be
> snapping lots of pics. We're leaving Burbank Thursday afternoon, so
look
> for me on 15,20,30 and 40 (probably not too much on 30) operating
> portable from the beach from Thursday night until Sunday morning. Will
> make an effort to be on the air for a few hours each day. I'm just
> getting over this nasty cold so the fresh air will do me good! Hope to
> hear some of you on the air!
>
> 73's Trev KG6CYN
> <http://www.qsl.net/kg6cyn>
>
>
> -----
> Elecraft mailing list: Elecraft@mailman.qth.net
> You must be a list member to post to the list.
> Postings must be plain text (no HTML or attachments).
> See: <http://mailman.qth.net/mailman/listinfo/elecraft>
> Elecraft Web Page: <http://www.elecraft.com>

Date: Wed, 02 Apr 2003 08:07:25 -0500
From: Alex <kr1st@amsat.org>
To: gosier@twcny.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148461] Re: Strange propagation Was: CQ WW WPX SSB Results
Message-ID: <3E8AE08D.3692FFCE@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

George Osier wrote:

> Strange propagation !!!!!!!
> Worked only ONE station to the east !!!!! C5P

Hi George,

Congratulations on your score! I too worked the WPX contest somewhat and will post my results in a later message. Anyway, I noticed the same thing regarding propagation.

I was on 10 meters when the Europeans usually can be worked but didn't hear a peep. Well, maybe one or two, but that was about it. I did hear South America remarkably well when they usually are very weak in the morning. Had a blast working them.

Since I had just put up a new antenna which really is aimed for the lower bands (110ft inverted V with homebrew ladder line), I switched to 15. Again maybe only or 2 Europeans while everything else, indeed especially to the West was booming in. Caribbean stations had booming signals, but I could not work them at all. Usually I can work them and get an S9+ report with less than a Watt. I could not even snag D4B who I usually get on the first call. (did work D44TD later on though).

In my frustration I started working somewhat weaker stations to the West of me which worked just fine. Found a friendly station who gave me an extensive audio and signal report. In addition to a new antenna I also had just built a little interface box so I could use a cheap Radio shack foot switch and a cheap noise canceling computer headset. So I figured that perhaps my audio was bad, but that station told me it was just fine (as did others in pre-contest contacts).

While I was working 10 meters I switched between the inverted V and the vertical and noticed that when the signal got weaker on the vertical,

they got stronger on the inverted V and vice versa.

So I too notice the same thing George. It was very difficult working stations to the East of me. (I'm near Charleston, SC)

73,

--Alex KR1ST

Date: Wed, 02 Apr 2003 13:23:26 +0000
From: "Alan Fryer" <N3BJ@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [148462] WTB: SWL DSW-40
Message-ID: <OE16PE3lU7h94101TUL0000fdd9@hotmail.com>

With the upcoming introduction of the DSW II, anyone want to sell their DSW-40 ?
With case, no case, non-working, problem rig OK.

Alan, N3BJ
Bent Mountain, VA

Date: Wed, 2 Apr 2003 08:21:00 -0600
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [148463] FSQRP Wednesday Warble
Message-ID: <001001c2f923\$160393e0\$e915b9cc@Host>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang:

Just a reminder that tonight is the Wednesday Warble, sponsored by the Four State QRP Group. All hams within range of our PSK-31 signals are invited to drop by for an informal roundtable ragchew. Look for us on or near 3580.5 KHz at 9 PM central time.

72, Dave

David Bixler W0CH
Seneca, Missouri

QRP: Little radios, Big Fun!

QRP Web Site: <http://w0ch.com>
Four State QRP Group: <http://w0ch.com/fsqrp>

Date: Wed, 02 Apr 2003 10:49:03 -0400
From: "Heimo J. Lyden" <fg5vij@golfinho.com>
To: qrp-l@Lehigh.EDU
Subject: [148464] Re: DSW II Improvements ?
Message-ID: <oprM0bf1g9vc50y9@mail.wanadoo.fr>
Content-Type: text/plain; charset=iso-8859-15; format=flowed
MIME-Version: 1.0

I would like to thank Chuck for the nice pictures of the upcoming DSW-II. My mouth is watering. But I guess I have to wait until the 15m version is available. I have the DSW20, which has been performing extremely well for the past three years. But I do not need another 20m qrp rig. I have seen some questions on the Elecraft reflector why one could not use IC sockets for the small ICs for the K2. Most replies have indicated that there might be stray capacitances etc, which would degrade the performance. But Dave used IC sockets for the DSW20 and as far as I can understand has not degraded the performance of the receiver. Maybe I should put this question direct to Dave, but I do not want to disturb him right now. I guess he is quite busy finalising the release of the DSW-II, and it will certainly be another winner. But I sincerely hope that he will not be running out of suppliers for us waiting for other bands for the rig, as happened for the DSW-I. I would never forgive myself for missing the train, as many did the last time. I will never sell my DSW20! It is already a classic. Actually when we had a ham meeting in Sao Paulo, Brasil, I brought my K2 and DSW20 with me to the Pizza restaurant the builders among them were very interested in the DSW20, although they all were qro guys. I might still order a DSW-II and send it to the Sao Paulo ham club. If you ever happen to pass by Sao Paulo, please let me know, and I will give you some contact names. You will not regret meeting those guys. Some of them speak a fairly good english. And why do all hams meet in Pizza restaurants? Given that, I cannot arrange a ham meeting here on the island, since I yet have to find a descent Pizza restaurang here. OK, I have seen some reports saying that US hams even go to TexMex restaurants, which is more my flavour, and I have seen something about lobsters. We have nice lobsters here, although a bit expensive. I have to stop here. I am one hour from lunch time and now it is my stomach that speaks.

73
Heimo FG5VIJ SM6L0D PY2Z0D

Date: Wed, 02 Apr 2003 09:53:21 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: qrp-l@Lehigh.EDU
Subject: [148465] Soldering Irons
Message-ID: <3E8AF961.000003.48121@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

I was pleased to read Chuck's admission that he doesn't use a "soldering station." I used a similar little iron for years. I used it to build all my kits, including the K2 and my first K1. I also use the 2% silver solder, just because it makes such nice looking connections. (Hard to remove, though if you screw up).

I once mentioned this on the Elecraft, and someone informed me that it might work at first, but it meant that in a few years, my K2 and all my other rigs would quit working, because I didn't use a soldering station. Old K2 #023 is still perking along, though, as is my Sierra, which I built back in 1996 or 97. Even a "W7EL Optimized 40M QRP Rig," I built in 1982 is still working.

I did break down, though, and bought a Solomon Soldering Station. It at least keeps me from laying the iron on something important. Used it for my other K1, and the DSW-II, so they should both last even longer. I will admit it does heat up faster than my old Weller.

Anyway, it makes me feel good to know that I had something in common with Chuck's construction practices.

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Wed, 2 Apr 2003 07:55:38 -0800 (PST)
From: Scotty Wright <zydeco9214@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [148466] QRP Radio in ELT/EPIRB or PRC-90 case
Message-ID: <20030402155538.48366.qmail@web41214.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

In all fairness i use a PRC-90 case as a project box. It is Milspec and makes a tough backpacking case for a lil CW rig. Might be able to do the same with a epiRB box. I tried to re-crystal it to 2 meters but it would

not go up that far. So I gutted it for the project.
Fair radio may have this radio and it is oftne for
sale on ebay.

Scotty Wright USCG

WB5TLA

PS i would not write a ticket to a brother ham, might
give a stern look. hi hi

Wait till you see what im doing with a Gibson Girl
transmitter (BC-778-D).It will make a killer Lowfer rig.

=====

Scotty Wright

WB5TLA

ICQ # 5907718

QRP-L # 2361

QRP ARCI #10970

ARS #1130

Do you Yahoo!?

Yahoo! Tax Center - File online, calculators, forms, and more
<http://tax.yahoo.com>

Date: Wed, 02 Apr 2003 10:00:00 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: Brian Buydens <brian.buydens@usask.ca>
Subject: [148467] Rear Window Defrost as an antenna
Message-ID: <Pine.OSF.4.53.0304020956560.416903@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

Today while driving into work I was thinking about how it is snowing on
the 2nd of April. Then I got thinking about my rear window defroster and
wondered how many ohms it was and whether it would make a good dummy load.
(Tune up the rig and defrost the window at the same time.) Then I started
wondering if anyone has actually worked someone else using the rear window
defrost as an antenna.

If this is a hair-brained notion please be gentle. ;-)

Brian Buydens

Veterinary Electronic Data Specialist

Computing Services, University of Saskatchewan

email: Brian.Buydens@usask.ca
http://duke.usask.ca/~buydens
VE5RDV

I am a proud citizen of "Soviet Canuckistan"

Date: Wed, 2 Apr 2003 09:24:53 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Gene - NN7CK <nn7ck@mindspring.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148468] Re: First Rock-Mite QSO
Message-ID: <Pine.LNX.4.44.0304020916400.10094-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gene I think there is something wrong with your numbers. If Randy was a true 599 and you were 449 that's a 5 s unit or 54 DB difference. This is just too big. Your .3 watts is .6, 1.2, 2.4, 4.8 or 12 DB lower than Randy's 5 watts.

You should have been 479 at the least. Unless your Rock-mite receiver is 40 DB better than a K2....:-)

Also Gene I have a Rock-mite built that works but never made a contact with it. By the way mine has just 1 pic chip and the other seems to be an RF device. Not like the one on QST this month of April.

On Tue, 1 Apr 2003, Gene - NN7CK wrote:

> Although I built my 40 meter Rock-Mite a number of months ago I never put it
> on the air until tonight.
>
> Tonight I had a nice QSO with Randy, K7TQ on his K2 at 5 W (599) and my 300
> mw Rock-Mite (449).
>
> On-Line mileage calculator says 6,844 miles per watt!
>
> Thanks Dave for developing this little jewel and making it available to us..

>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 02 Apr 2003 11:30:51 -0500
From: Michael Goins <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [148469] OT - Tesla book for a kid
Message-ID: <163HDBqEz0736S08.1049301051@uwdvg008.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I know it's a bit of a longshot and a tad off topic, but I am looking for=
a
book on Tesla or Edison for one of my students. Needs to be about a 5th-7=
th
grade level, and everything I can find at the moment is college or
college-prep. =

This is for a neurologically impaired highschooler who is a poor reader b=
ut
who is also interested in electricity and electronics. =

Please reply off list and thanks in advance for any assistance.

mike
wb5yjx
QRP-ARCI 3922 (former managing editor, QRP Quarterly), =

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810, Alaska QRP 514, =
QCWA
30857

Date: Wed, 02 Apr 2003 10:01:43 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>

To: waltk8cvamosqrp@earthlink.net, qRP-L@lehigh.edu
Subject: [148470] Re: SCAF's
Message-ID: <3E8AB507.6238.28950D@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hi, Walt, guys...

>>The OHR SCAF is my favorite, one knob selectivity. It must have been
designed by Doug Demaw as it works like a filter should.
<<

Credit where it's due-- the OHR SCAF was designed by Sam Ulbing, who published
it as a QST project originally. It was just about the first OHR kit that I
built, LONG before we acquired OHR, and it is still in pretty much daily use.
Wish we could have re-introduced it but when the chip was discontinued some
scalper (in Canada if memory serves) grabbed all remaining stocks and wants \$30
each for them in quantity. Evidently it was used in some military equipment.

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Wed, 2 Apr 2003 11:17:31 -0600
From: "George, W5YR" <w5yr@att.net>
To: <buydens@duke.usask.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [148471] Re: Rear Window Defrost as an antenna
Message-ID: <003301c2f93b\$bfb3e620\$0401a8c0@PS>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try it and find out, and then tell us what you found. Bound to be pretty lossy, who knows how well it might radiate on some band or other . . .

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----

From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, April 02, 2003 10:00 AM
Subject: Rear Window Defrost as an antenna

> Today while driving into work I was thinking about how it is snowing on
> the 2nd of April. Then I got thinking about my rear window defroster and
> wondered how many ohms it was and whether it would make a good dummy load.
> (Tune up the rig and defrost the window at the same time.) Then I started
> wondering if anyone has actually worked someone else using the rear window
> defrost as an antenna.

>

> If this is a hair-brained notion please be gentle. ;-)

>

>

> Brian Buydens
> Veterinary Electronic Data Specialist
> Computing Services, University of Saskatchewan
> email: Brian.Buydens@usask.ca
> http://duke.usask.ca/~buydens
> VE5RDV

>

> -----

> I am a proud citizen of "Soviet Canuckistan"

>

>

>

>

>

Date: Wed, 2 Apr 2003 09:23:12 -0800
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-1@Lehigh.edu
Subject: [148472] FS: Ten Tec Scout-50Watts
Message-ID: <20030402.092314.-1653547.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

My friend Glenn, K6AWC has a Scout he wants to sell. Included are the noise blanker, hand mic., ALL modules 160-12 meters except for the 10 meter unit. This is a functionally and physically new radio. Excellent condition and original boxes. Talk w/ Glenn at 818-989-3253. \$550 obo. Discuss shipping with him also.
Marv Fagenson
k6hcj@Juno.com

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Marv Fagenson
k6hcj@Juno.com

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Wed, 02 Apr 2003 12:18:31 -0500
From: Mike Czuhajewski <wa8mcq@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: Mike Czuhajewski <wa8mcq@comcast.net>
Subject: [148473] Daily digest file #2741 needed
Message-ID: <009401c2f93b\$e38005c0\$6401a8c0@gambrl01.md.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Checking over my disk files, I see that I'm missing daily digest #2741, sent out during the evening of 15 Nov 02. The Digests directory on the QRP-L home page doesn't go back quite that far. (I could download that day from the Archives instead, but that includes full and complete headers and is much more difficult to use. It also does not have the table of contents.) I'm hoping that there are others who are saving the daily digests to their hard drives. Can someone send it to me? Thanks!

73 and queue our pea DE WA8MCQ

Date: Wed, 2 Apr 2003 12:15:55 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <fg5vij@golfinho.com>, <qrp-l@lehigh.edu>
Subject: [148474] Re: DSW II Improvements ?
Message-ID: <001701c2f954\$ab7f2200\$5e493b41@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Heimo-

"Repairability". I prefer not to have builders desoldering ICs from boards. It is a tradeoff I can afford to make- the DSW's receiver is *not* comparable to that of the K2 in performance.

It's a choice each designer makes. I use SMT parts (sparingly) in my designs- not everyone does. That doesn't make it right or wrong- it reflects a difference in goals and philosophy. Look at it this way- if the perfect radio, with all the 'right' tradeoffs made- already existed, designers would have nothing left to do!

73- Dave

Dave Benson, K1SWL
dave@smallwonderlabs.com
<http://smallwonderlabs.com>
Phone/fax 860-537-8031

-----Original Message-----

From: Heimo J. Lyden <fg5vij@golfinho.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, April 02, 2003 8:46 AM

Subject: Re: DSW II Improvements ?

>>

I have seen some questions on the Elecraft reflector why one could not use IC sockets for the small ICs for the K2. Most replies have indicated that there might be stray capacitances etc, which would degrade the performance. But Dave used IC sockets for the DSW20 and as far as I can understand has not degraded the performance of the receiver. Maybe I should put this question direct to Dave, but I do not want to disturb him right now

Date: Wed, 2 Apr 2003 09:35:36 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [148475] Re: Rear Window Defrost as an antenna
Message-ID: <MABBJOEABOILMKCJCLFCGEDHEEAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not such a hare-brained idea, Brian. I have seen it written up somewhere before.
As I recall, took some rf chokes to isolate the heating wires from the car wiring.
So someone else has also wondered :-)
73, Bob N6WG

Date: Wed, 2 Apr 2003 09:37:00 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [148476] Re: Rear Window Defrost as an antenna
Message-ID: <20030402173700.GA2873@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Maybe not too hare-brained. My Buick uses the defroster (with some sort of matching network) as the AM-FM receiving antenna. I don't think it works as well as a whip, however. You would need to be QRO to

melt much ice.

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

n7xy@n7xy.net
<http://www.n7xy.net>

On Wed, Apr 02, 2003 at 10:00:00AM -0600, Brian.Buydens@usask.ca wrote:
> Today while driving into work I was thinking about how it is snowing on
> the 2nd of April. Then I got thinking about my rear window defroster and
> wondered how many ohms it was and whether it would make a good dummy load.
> (Tune up the rig and defrost the window at the same time.) Then I started
> wondering if anyone has actually worked someone else using the rear window
> defrost as an antenna.
>
> If this is a hair-brained notion please be gentle. ;-)
>
>
> Brian Buydens
> Veterinary Electronic Data Specialist
> Computing Services, University of Saskatchewan
> email: Brian.Buydens@usask.ca
> <http://duke.usask.ca/~buydens>
> VE5RDV
>
> -----
> I am a proud citizen of "Soviet Canuckistan"
>
>

Date: Wed, 02 Apr 2003 12:46:38 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: w5yr@att.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148477] Re: Rear Window Defrost as an antenna
Message-ID: <5.2.0.9.2.20030402124233.03277618@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Biggest thing I'd worry about is the cost of replacing the window
if-somehow-the heater were to be burned out. Ever since I learned what my
rear window with BOTH the car radio antenna, and rear-defroster built-in
would cost, I've been parking it (at #2 son's baseball games) with the
FRONT window facing the game.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Wed, 2 Apr 2003 09:49:35 -0800
From: "George Heron N2APB" <n2apb@erols.com>
To: "EPA-QRP" <EPA-QRP@yahooogroups.com>, "NJQRP" <njqrp@njqrp.org>,
"NoVAQRP" <NoVaQRP@topica.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [148478] Atlanticon Wrap-up [de N2APB]
Message-ID: <000901c2f941\$e9d2c510\$b70aa8c0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's a short note to augment the fine recaps of the Atlanticon weekend
that we had only a few days ago.

I've now had a chance to get the really cool photos posted to the website

... all 182 of them! (Actually 364 because there's a low-res and high-res file for each). Man, that was a lot of link preparation, but well worth the effort, as I'm sure you'll agree when you see the fine array of Sniffer field strength meters, homebrew projects, the faces of all our QRP friends, the speakers in action, etc.

The web page for the Atlanticon recap summaries and photos is at <http://www.njqrp.org/atlanticon/atlanticon%202003/Atlanticon2003recap.html>

Lots of "thanks" have been stated for the fun we had this weekend, and I also wanted to add in my own for the QRP Speakers who made a *tremendous* effort of preparing a talk, preparing overhead slides, preparing an article for the Proceedings, traveling across the country (and in one case across the Atlantic Ocean!), and making themselves so readily available to those in our QRP community. KI6DS, N2CX, K1SWL, EA2SN, AA0ZZ, K8IQY and K7SZ are a terrific bunch of guys and we appreciated their efforts so much.

Dave Porter, AA3UR and his staff+kitting teams made this weekend happen with me, and we're all going to take bit of a breather (except for getting the remaining Sniffer Kits into the mail, along with the HC908 Daughtercard which is also now shipping(!)).

Now ... ON TO ARKIECON THIS COMING WEEKEND! Have fun Jay (Bromley), you have a killer line-up planned and the guys attending will have a splendid time with QRP fun and Arkansas southern hospitality!

73, George N2APB
n2apb@amsat.org

Date: Wed, 02 Apr 2003 13:07:01 -0500
From: Mike Czuhajewski <wa8mcq@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: Mike Czuhajewski <wa8mcq@comcast.net>
Subject: [148479] Other lists of possible interest to QRPers
Message-ID: <00b201c2f942\$a9048a40\$6401a8c0@gambrl01.md.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Someone on the QRP-F forum recently asked if there were any other QRP related mailing lists worth looking into besides that and QRP-L. I replied with the info below, which are things that I'm subscribed to. Although some are product specific lists, all contain some postings that may be useful to QRPers due to overlapping interests.

You might want to check out the Elecraft list, <http://www.elecraft.com/>. Although it's aimed at a specific product line, much of the line consists of QRP radios and many of the topics are of potentially general interest even if you don't own an Elecraft.

There is also the HFPack group, <http://www.hfpack.com>. While not specifically QRP, their interest is portable HF operation, something that is of interest to QRPers. (And many of their radios are QRP.)

Back to product specific groups, there's the Rock Mite group on Yahoo (see below for Yahoo details).

Finally, there's the GQRP list on Yahoo.com. Note--you have to sign up for Yahoo (free) to subscribe to any of their groups. When you do, be sure to carefully edit your account preferences. They have a set of e-mail options, as in types of advertising e-mail that you can receive, and the default value is "Yes" to all of them. The technical term is "Spam City" :-). Be sure to reset them all to No unless you actually are interested in some of the mailings. (After signing in, go to Account Info, look under Yahoo! ID Card, and then click on "Editing your marketing preferences.") Some postings I've seen elsewhere indicate that they may even periodically reset them all to Yes without telling you, so you might want to keep an eye on it.

I'm not positive, but I believe all of these lists have the option of real time mailings or daily digests. I know I get the HFPack in digest form, although I take the others real time. And most or all have archives so you can read all the old traffic.

One that I forgot to mention on QRP-F is BMHA, Bicycle Mobile Hams of America, also on Yahoo.com. This also falls into the category of "some info of interest to QRPers." This one hasn't been terribly active of late, with about 30 posts since the middle of August.

73 and queue our pea DE WA8MCQ

Date: Wed, 02 Apr 2003 13:58:12 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [148480] Rock Mite Audio Filter boards.
Message-ID: <3.0.6.32.20030402135812.007c9c00@mailhost.ncia.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just a reminder, I still have Rock Mite audio filter boards available.
We're down to our last batch of 100 though. Details on my web page.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Wed, 2 Apr 2003 13:28:13 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [148481] Help Wanted--Summer FOX Hunt
Message-ID: <412003432192813937@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Looking for someone to manage the web page for the Summer
FOX Hunt. Our present web manager is simply swamped, and
has asked me to locate someone to fill in temporarily.
He expects to return for the Winter Hunt.

This job takes perhaps 1.5 hours per week. It consists
of taking the completed logs and posting them to the
web page.

Bottom Line = if *you* could do that task, please let me
know ASAP. I will forward the information to the
appropriate folks.

Thanks in advance for all responses.

73,
--Doc/K0EVZ

Date: Wed, 02 Apr 2003 14:42:52 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [148482] SCAF circuit
Message-ID: <3.0.6.32.20030402144252.007c0410@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For anyone interested in building a SCAF, I just added one to the construction project listings on my web page. Here's the direct link, which hopefully I might get right this time (as you know, I have a poor track record for getting these right, hi)

<http://www.qsl.net/kd1jv/SCAF.HTM>

Basicly, it's an 8 pole Butterworth band pass filter, using the Linear Tech LTC1068 chip. Center freq is 640 Hz with a 250 Hz pass band and 500 Hz stop band, at -20 dB. I set the center freq to 640 Hz, as that happens to be the frequency you get out of a 16.384 clock osc chip with it's divided output. It's also about mid way bewteen 600 and 700 Hz, the range most people perfer for a beat note. I used the Linear Tech Filter Cad program to generate the resistor values.

It will run you about \$19.00 to buy the parts from Digi-Key, but they have a \$25.00 min, so guess you'll need to buy some other stuff too :-)

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Wed, 2 Apr 2003 15:03:11 -0500 (EST)
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [148483] OHR SCAF Filter
Message-ID: <2972645.1049313792107.JavaMail.nobody@wamui03.slb.atl.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey gang,

I think the OHR SCAF Filter was Sam Ulbing, N4UAU's design. If that's the one it was published in the Oct 92 QST and the 95 ARRL Handbook.

<http://n4uautoo.home.sprynet.com/projects-page/projects.htm>

I have one of the OHR filters and they are EXCELLENT. I totally agree with Walt. I understand the parts are not available any longer unfortunately.

I read a letter to the editor from Sam a few years ago in QST. He was upset at firms taking published designs and kitting them without approval or money to the designer... I wonder if this was the design he was referring to?

72 Kevin N2TO
Brooklyn, NYC
QRP-L #323
kfglynn@mindspring.com

Date: Wed, 2 Apr 2003 19:14:23 +0100
From: "M. J. Powell" <mike@pickmere.demon.co.uk>
To: buydens@duke.usask.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [148484] Re: Rear Window Defrost as an antenna
Message-ID: <SWUjuuA\$hyi+EwTc@pickmere.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

In message <Pine.OSF.4.53.0304020956560.416903@duke.usask.ca>,
"Brian.Buydens@usask.ca" <buydens@duke.usask.ca> writes
>Today while driving into work I was thinking about how it is snowing on
>the 2nd of April. Then I got thinking about my rear window defroster and
>wondered how many ohms it was and whether it would make a good dummy load.
>(Tune up the rig and defrost the window at the same time.) Then I started
>wondering if anyone has actually worked someone else using the rear window
>defrost as an antenna.
>
>If this is a hair-brained notion please be gentle. ;-)

They have been used as receiving aerials for FM radio. A friend of mine has a patent for that use over here.

Mike
--
M.J.Powell

Date: Wed, 02 Apr 2003 13:57:36 -0700
From: na5n@zianet.com
To: qrp-l@lehigh.edu
Subject: [148485] SHOCK & AWE (was: BBQ Rules)
Message-ID: <20030402205737.22129.qmail@klaatu.zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
I've noticed there has been absolutely no comments on the QRP-L
BBQ Birthday Bash thing since the rules were posted ... probably
because everyone is still in total disbelief. So I'll break the ice.

Regarding the rules, I think we now understand the true meaning
of Shock and Awe!

I was looking forward to this. What the heck is so wrong with having
some fun with a simple RST, QTH, NAME and QRP-L Number? After all,
it *is* a QRP-L only activity. I still don't understand half the
rules after reading it three times. I believe it has discouraged many
from even attempting to participate.

I will probably participate a bit sunday, but I'm darned if I'm gonna
set my stop watch to see how long I've been on a frequency, figure out
what frequency I can and can not use with my non-crystalized rig running
more than 2W, will move less than 2KHz if I feel like it, and may even
call CQ right smack on 14.060 (gasp!). May even throw in my QRP-L
number at the end of the exchange, just to see if the other guy is
still awake.

I'm old fashioned, and still use only paper logs, but I think it is very
unfair to design a contest *specifically* to exclude those who prefer
to use computer logging. Besides, we have to submit the logs in ASCII-
ONLY by the rules ... how the heck are we supposed to do that when
forced to paper-pencil logs?

The rules said it was version 1. Chuck, consider simplifying this
thing for version 2 so it can be an easy to comprehend fun thing, but
more important, to encourage participation. If you don't believe me,
then poll QRP-L for their opinions.

CU Sunday with RST/QTH/NAME/QRP-L Number. I'll be using my FT-817 at
4.5W, just in case you're actually interested or need to fill in the

exchange. I'm out to have fun, not get a certificate, which I'm pretty sure I won't be getting one now anyway :-) Anyone want to join me just for the fun of it?

72, Paul NA5N
QRP-L #038

Date: Wed, 02 Apr 2003 15:56:26 -0500
From: Mike Czuhajewski <wa8mcq@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, GQRP List <GQRP@yahooogroups.com>
Cc: Tom Arvo <wa8dxd@mpinet.net>
Subject: [148486] Milliwatt still available on CD
Message-ID: <005c01c2f95a\$54179640\$6401a8c0@gambrl01.md.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Old timers will probably remember the legendary Milliwatt: National Journal of QRP published by Ade Weiss, W0RSP (K8EEG at the time) from 1970 to 1975. On rare occasion copies of it appear for sale, but not very often. In the early 90's, with Ade's permission, I did two runs of photocopy reprints which sold well. (The first was a very limited run of less than a dozen, I think, and the second was over a hundred, done in conjunction with Bill Kelsey, N8ET.)

Several years ago, Tom Arvo, WA8DXD, worked with Ade and scanned in the entire run of 33 issues and put it onto CD, in PDF format. (The free PDF reader is included on the CD. Although it is probably not the latest version by now, it's still entirely suitable for reading the files on the CD.)

I checked with Tom recently and discovered that the CD is still available for purchase. You can find details at

<http://www.qrpworld.com/>

A word of caution--the Milliwatt was done in the BC days, meaning Before Computers :-). Even the funky old Altairs with front panel toggle switches didn't appear for years afterward! Everything was by hand on typewriters and done with offset printing, and as a result it's a bit light and difficult to read in places. Naturally, the scans (and photocopies) reflect this. But think of it this way--it preserves the historic feeling of the original copies :-).

Here's what Tom has to say about it on the web site--

"What each individual issue lacked in polish was made up for in content many times over. These were the days BC "Before Computer". No word processors or spell checkers here. The Milliwatt is a tribute to Ade's diligence and perseverance, the results being a publication chock full of information to delight QRPers of all ages and degrees of experience. Each issue, a total of 33 in all, covered all aspects of QRP with an emphasis on operating and construction. Though over a generation has passed since Ade first brought us the Milliwatt, much of the information contained is still relevant for today's QRP newcomers as well as the more seasoned among us.

"The Milliwatt is also an excellent piece of nostalgia well worth the price of admission."

Usual disclaimers, no association with Tom, no kickbacks, etc :-) I just wanted to let some of the newer folks know that they can still read some of the classic, old time QRP material.

73 and queue our pea DE WA8MCQ

Date: Wed, 2 Apr 2003 13:59:43 -0700
From: "al dawkins" <alk0frp@attbi.com>
To: <qrp-l@lehigh.edu>
Subject: [148487] Re: for sale zm-2 timewave dsp 59+, ssb 2m and more
Message-ID: <008801c2f95a\$c956ff90\$0200a8c0@aloffice>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

DSP59+ sold

I built this ZM-2 in 1998 as shown on the CQC web site.
The kit was built NOT to Emtech front panel style. Coax and tuned feeder are in the back. Only one flaw is the tune and operate switch is backwards. Tune is operate and operate is tune. New in kit form \$60 or built \$90 sell \$75 plus \$5 S/H.

See it on the CQC Website

<http://www.cqc.org/gallery/zm2tuner/index.htm>

SOLD

Sell Timewave AEA DSP-59 +, latest version of firmware.
Works great
Purchased \$195 sell \$125 plus \$5 S/H Sold

Sell a Icom IC-290H Multimode FM-SSB-CW 25 or 1 watts. Not sub-tones on FM with mobile bracket mike and manual. Works great Selling for \$275 to \$300 on swap lists
Sell \$250 Plus \$10 S/H

<http://www.rigpix.com/icom/ic290h.htm>

Also have a AEA PK-232 with MBX daughterboard. Upgrade to DSP and new daughterboard for \$142 and add a PSK 31 interface for \$69. With all manuals cables and old software. Newer software is better. manual and original box \$100 plus \$5 S/H

<http://www.timewave.com/amprods.html>

Also have an old AEA CP-1 originally used with a Commador 64 for RTTY and CW. My first CW keyboard. Used this for my first 99 wpm CW to CW CP-1 to CP-1 QSO. Now there are mods to add a RS 232 interface for use with modern computers using it for RTTY and CW. A new RTTY demod makes it a good RTTY demod and filter. Make me an offer ????

<http://www.angelfire.com/fl3/technicothica/cp1mods.html>

Al K0FRP

Date: Wed, 2 Apr 2003 16:22:20 -0500 (EST)
From: <n2go@arrl.net>
To: <na5n@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [148488] Re: SHOCK & AWE (was: BBQ Rules)
Message-ID: <Pine.LNX.4.33.0304021621450.2759-1000000@valhalla.v>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

You mean it wasn't an April fools post :))

73,

Jim n2go

Date: Wed, 02 Apr 2003 16:26:29 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [148489] Fwd: Grab Your Binoculars
Message-ID: <5.2.0.9.2.20030402162536.032d0b10@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Date: Wed, 2 Apr 2003 12:36:44 -0600
>Subject: Grab Your Binoculars
>
>
>
>Space Weather News for April 2, 2003
><http://www.spaceweather.com>
>
>JUPITER: The giant planet Jupiter has been nearing the Beehive Cluster
>for more than a month. This week they are as close as they're going to
>get--only 1 degree apart. The pair are easy to find and a beautiful sight
>through binoculars. Visit [spaceweather.com](http://www.spaceweather.com) for pictures and sky maps.
>
>AURORAS: Solar wind streams have buffeted Earth's magnetic field for much
>of the past week, sparking Northern Lights as far south as Wisconsin and
>Michigan in the United States. Our growing aurora gallery includes
>Northern Lights seen from Earth-orbiting satellites, from high-flying
>airplanes, and even some curious man-made auroras. Visit [spaceweather.com](http://www.spaceweather.com)
>and see for yourself.
>
>---

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Wed, 2 Apr 2003 16:30:56 -0500
From: "Charles W3KC" <w3kc@starpower.net>
To: <qrp-l@lehigh.edu>
Subject: [148490] Load-Center Surge Suppressors
Message-ID: <003101c2f95f\$367f0aa0\$3f082c42@w3kc>

Any of you folks have any experience with subject devices? Considering
installing one in the main service breaker panel in an attempt to provide some
measure of transient surge protection for the whole house (radios, computers,
appliances with microcircuitry, etc.).

72 de Chas W3KC

Date: Wed, 02 Apr 2003 16:38:15 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: na5n@zianet.com, qrp-l@Lehigh.EDU
Subject: [148491] Re: SHOCK & AWE (was: BBQ Rules)
Message-ID: <3E8B5847.000000F.48121@w2agn>
MIME-version: 1.0

Content-type: Text/Plain
Content-transfer-encoding: 7BIT

Well, I sure am glad somebody else said something. I even printed out the rules as I figured I would need to refer to them, then it occurred to me, WHY? This is supposed to be FUN. If I want difficult rules, I'll read the instructions for filling out Form 1040!

I know it's not Rocket Science, but when a Rocket Scientist feels this way, maybe it should be looked at.

Think I'll set my new DSW-II at 2W and play a little, anyway. Might set up a Norcal Doublet in the back yard to go with it.

John W2AGN QRP-L #884

-----Original Message-----

From: na5n@zianet.com
Date: Wednesday, April 02, 2003 04:14:27 PM
To: Low Power Amateur Radio Discussion
Subject: SHOCK & AWE (was: BBQ Rules)

CU Sunday with RST/QTH/NAME/QRP-L Number. I'll be using my FT-817 at 4.5W, just in case you're actually interested or need to fill in the exchange. I'm out to have fun, not get a certificate, which I'm pretty sure I won't be getting one now anyway :-). Anyone want to join me just for the fun of it?

72, Paul NA5N
QRP-L #038

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Date: Wed, 2 Apr 2003 15:56:30 -0600
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: <wa8mcq@comcast.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148492] RE: Other lists of possible interest to QRPers
Message-ID: <90B09553A615CE4192A646D8CFA67DA8428E80@TX-MSG05-CCC.wireless.attws.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Don't forget the terrific NJ-QRP list!!!!

www.njqrp.org

73 de N4MVL

Lee

-----Original Message-----

From: Mike Czuhajewski [mailto:wa8mcq@comcast.net]
Sent: Wednesday, April 02, 2003 12:07 PM
To: Low Power Amateur Radio Discussion
Subject: Other lists of possible interest to QRPers

Someone on the QRP-F forum recently asked if there were any other QRP related mailing lists worth looking into besides that and QRP-L. I =
replied
with the info below, which are things that I'm subscribed to. Although =
some
are product specific lists, all contain some postings that may be useful =
to
QRPers due to overlapping interests.

You might want to check out the Elecraft list, <http://www.elecraft.com/>.
Although it's aimed at a specific product line, much of the line =
consists of
QRP radios and many of the topics are of potentially general interest =
even
if you don't own an Elecraft.

There is also the HFpack group, <http://www.hfpack.com>. While not
specifically QRP, their interest is portable HF operation, something =
that is
of interest to QRPers. (And many of their radios are QRP.)

Back to product specific groups, there's the Rock Mite group on Yahoo =
(see
below for Yahoo details).

Finally, there's the GQRP list on Yahoo.com. Note--you have to sign up =
for
Yahoo (free) to subscribe to any of their groups. When you do, be sure =
to

carefully edit your account preferences. They have a set of e-mail =
options,
as in types of advertising e-mail that you can receive, and the default
value is "Yes" to all of them. The technical term is "Spam City" :-) Be =
sure
to reset them all to No unless you actually are interested in some of =
the
mailings. (After signing in, go to Account Info, look under Yahoo! ID =
Card,
and then click on "Editing your marketing preferences.") Some postings =
I've
seen elsewhere indicate that they may even periodically reset them all =
to
Yes without telling you, so you might want to keep an eye on it.

I'm not positive, but I believe all of these lists have the option of =
real
time mailings or daily digests. I know I get the HFPack in digest form,
although I take the others real time. And most or all have archives so =
you
can read all the old traffic.

One that I forgot to mention on QRP-F is BMHA, Bicycle Mobile Hams of
America, also on Yahoo.com. This also falls into the category of "some =
info
of interest to QRPers." This one hasn't been terribly active of late, =
with
about 30 posts since the middle of August.

73 and queue our pea DE WA8MCQ

Date: Wed, 2 Apr 2003 16:14:35 -0600
From: "Gene Sailsbury" <gsailsbury@mobil1.net>
To: <na5n@zianet.com>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [148493] Re: SHOCK & AWE (was: BBQ Rules)
Message-ID: <01a701c2f965\$3f104840\$dcc03fd8@8tracker>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>From Doug Hendricks, KI6DS visiting with Joe Porter and Gene Sailsbury. We will all be at Arkiecon having fun and wish the contest was on another weekend. But, I agree with you Paul. Well said. 72, Doug

----- Original Message -----

From: <na5n@zianet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, April 02, 2003 2:57 PM

Subject: SHOCK & AWE (was: BBQ Rules)

> Gang,

> I've noticed there has been absolutely no comments on the QRP-L

> BBQ Birthday Bash thing since the rules were posted ... probably

> because everyone is still in total disbelief. So I'll break the ice.

>

> Regarding the rules, I think we now understand the true meaning

> of Shock and Awe!

>

> I was looking forward to this. What the heck is so wrong with having

> some fun with a simple RST, QTH, NAME and QRP-L Number? After all,

> it *is* a QRP-L only activity. I still don't understand half the

> rules after reading it three times. I believe it has discouraged many

> from even attempting to participate.

>

> I will probably participate a bit sunday, but I'm darned if I'm gonna

> set my stop watch to see how long I've been on a frequency, figure out

> what frequency I can and can not use with my non-crystalized rig running

> more than 2W, will move less than 2KHz if I feel like it, and may even

> call CQ right smack on 14.060 (gasp!). May even throw in my QRP-L

> number at the end of the exchange, just to see if the other guy is

> still awake.

>

> I'm old fashioned, and still use only paper logs, but I think it is very

> unfair to design a contest *specifically* to exclude those who prefer

> to use computer logging. Besides, we have to submit the logs in ASCII-

> ONLY by the rules ... how the heck are we supposed to do that when

> forced to paper-pencil logs?

>

> The rules said it was version 1. Chuck, consider simplifying this

> thing for version 2 so it can be an easy to comprehend fun thing, but

> more important, to encourage participation. If you don't believe me,

> then poll QRP-L for their opinions.

>

> CU Sunday with RST/QTH/NAME/QRP-L Number. I'll be using my FT-817 at

> 4.5W, just in case you're actually interested or need to fill in the

> exchange. I'm out to have fun, not get a certificate, which I'm pretty

> sure I won't be getting one now anyway :-) Anyone want to join me just

> for the fun of it?

>
> 72, Paul NA5N
> QRP-L #038
>

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.463 / Virus Database: 262 - Release Date: 3/17/2003

Date: Wed, 2 Apr 2003 14:23:31 -0800 (PST)
From: Rod N0RC <rod@n0rc.us>
To: na5n@zianet.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [148494] Re: SHOCK & AWE (was: BBQ Rules)
Message-ID: <20030402222331.61673.qmail@web40305.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Since you started it Paul I can't resist "me tooing".

--- na5n@zianet.com wrote:
> Gang,
> ...So I'll break the ice.
>
> Regarding the rules, I think we now understand the true meaning
> of Shock and Awe!
>

AMEN (ROTFLOL) :-)

...

> I will probably participate a bit sunday, but I'm darned if I'm
> gonna set my stop watch to see how long I've been on a frequency,
> figure out what frequency I can and can not use with my non-
> crystalized rig running more than 2W, will move less than 2KHz if I
> feel like it, and may even call CQ right smack on 14.060 (gasp!).
> May even throw in my QRP-L number at the end of the exchange, just
to
> see if the other guy is still awake.

Careful Paul, I understand the QRP-L police, backed by the few

remaining Republican Guards, will seek you out, confiscate your equipment, and put you in QRP-L jail. :-)

> CU Sunday with RST/QTH/NAME/QRP-L Number.

I do like Chuck's idea of using numbers as code practice. How about this for an exchange: RST/QTH/NAME followed by the square-root of your QRP-L number taken to 4 decimal places? Example for me:

599/CO/ROD/42.0000 (my QRP-L # is 1764)

> I'll be using my FT-817 at 4.5W, just in case you're actually
> interested or need to fill in the exchange. I'm out to have fun,

In numbers there is power, I'll be on 14061, calling CQ for hours on end, using my Icom-746pro cranked up to 4.99W.

73, (rable rouser) Rod, N0RC

=====

73, Rod N0RC
Fort Collins, CO

Date: Wed, 2 Apr 2003 17:36:42 -0500
From: "Russ Hines" <wb8zcc@one.net>
To: <na5n@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148495] Re: SHOCK & AWE (was: BBQ Rules)
Message-ID: <008401c2f968\$55af9300\$4307c00a@wb8zcc1>

Paul, where's the 4.5W switch setting on the '817??
<g>

73,
Russ Hines
WB8ZCC

----- Original Message -----

From: <na5n@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, April 02, 2003 3:57 PM

Subject: SHOCK & AWE (was: BBQ Rules)

> Gang,
> I've noticed there has been absolutely no comments on the QRP-L
> BBQ Birthday Bash thing since the rules were posted ... probably
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>
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> exchange. I'm out to have fun, not get a certificate, which I'm pretty
> sure I won't be getting one now anyway :-). Anyone want to join me just
> for the fun of it?
>
> 72, Paul NA5N
> QRP-L #038
>

Date: Wed, 2 Apr 2003 17:43:19 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [148496] Re: Soldering Irons
Message-ID: <007d01c2f969\$42c479d0\$074c590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "W2AGN" <w2agn@w2agn.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, April 02, 2003 9:53 AM
Subject: Soldering Irons

>
> I once mentioned this on the Elecraft, and someone informed me that it
might
> work at first, but it meant that in a few years, my K2 and all my other
rigs
> would quit working, because I didn't use a soldering station Old K2 #023
is
> still perking along, though, as is my Sierra, which I built back in 1996
or
> 97. Even a "W7EL Optimized 40M QRP Rig," I built in 1982 is still working.
>

John,

For the life of me I cannot understand why someone would say that to you!
The solder can tell the difference between a soldering station or "just" a
soldering pen? Seems a bit silly to me.

As one of my electronics teachers once said, many moons ago, "There ain't no
such thing as a dumb electron!". As long as the proper wattage is used and
there are no cold solder joints, it's preposterous to think that a kit will
stop working years later because the builder decided to use a 25W Radio
Shack pencil instead of a Weller station.

Just as an aside, in the mid 80's I went on a job interview with a company
that constructed guidance systems for cruise missiles. I had to sit down and
solder some stuff for them; and then some guy from the Air Force came by and
either gave my work the "thumbs up" or the "thumbs down". My work got the

"thumbs up"; and as I recall, they gave me some off-named brand of soldering pencil to use - nothing fancy. It seems to me lately that those Tomahawks are working just fine. A soldering pencil doesn't seem to bother them.

As usual, it seems to boil down to the person doing the work. The proper tools are essential; but you don't HAVE to go overboard.

73 de Larry W2LJ
W2LJ@arrl.net
<http://www.qsl.net/w2lj>

Date: Wed, 2 Apr 2003 18:34:14 -0500
From: "Mike Yetzko" <myetsko@insydesw.com>
To: <Makos327@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [148497] Re: Soldering Irons
Message-ID: <010d01c2f970\$649169e0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, technique counts for a lot.

But it is easier to use a good tool than it is to use a bad tool and get a quality output.

Soldering 'stations' are usually a MUCH better tool than most 'cheap' solutions. Does that mean you can't use a cheap tool? No, just be more careful, is all. Usually.

Stations generally are much tighter control with regard to temperature. In addition, a lot of stations have a lot of 'oomph'. What that means is not only is the temperature 'set' to a range, but also that there is a lot of 'usable reserve' in the mass of the unit without going out of spec. Inexpensive units sometimes let temperature climb and then cool as heat transfers to the joint being soldered. Unless you are careful, this can lead to poor physical joints and poor 'alloying' of the metals at the joint.

It's almost like thinking of a poorly regulated power supply that has a lot of ripple (a cheap iron) against a good well-regulated supply with a lot more filtering.

Mike

End of QRP-L Digest 2878

